

San Angelo (SJT)**MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS**

REPORT FOR:

MONTH **December**

YEAR

2005

TO: Hydrometeorological Information Center, W/OH2
 NOAA / National Weather Service
 1325 East West Highway, Room 7230
 Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

January 15, 2006

When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924)

[X] No flood stages were reached in the HSA this month.

Dry conditions over the last couple of months have deteriorated agricultural and hydrologic conditions across the HSA. Scattered light rain occurred intermittently from December 13th through 20th. For many areas, this was the first measurable rain event since mid-October. Total rainfall amounts were generally less than one tenth of an inch with a few areas receiving nearly one quarter of an inch. However, the long-awaited moisture provided little relief to the region.

Wet periods during the summer months lead to dense vegetation across much of the area. The vegetation dried out over the last couple of months creating fuel for wildfires. High winds and low relative humidities produced hazardous fire weather conditions across West Central Texas during December. The community of Cross Plains, which received heavy rains in August, was overwhelmed by wildfires late in December. Numerous grass fires were reported across much of West Central Texas.

The San Angelo Regional Airport received 0.02 of an inch of rain in December, which was 0.92 of an inch below the monthly normal rainfall of 0.94 of an inch. During 2005, the total annual rainfall in San Angelo was 20.41 inches. The normal annual rainfall in San Angelo is 20.91 inches.

The Abilene Regional Airport received 0.11 of an inch of rain in December, which was 1.16 inches below the monthly normal rainfall of 1.27 inches. During 2005, the total annual rainfall in Abilene was 19.66 inches, which was 4.12 inches below the normal annual rainfall of 23.78 inches.

Reservoir Conditions (end of December, 2005)

| Reservoir | Conservation Capacity (Ac-Ft) | Current Capacity (Ac-Ft) | Percent of Capacity (%) |
|--------------------|--|---|--|
| Fort Phantom Hill | 70,030 | 47,500 | 68 |
| Lake Stamford | 51,570 | 50,210 | 97 |
| Hubbard Creek Lake | 318,070 | 184,910 | 58 |
| Hords Creek Lake | 8,800 | 6,750 | 83 |
| Lake Brownwood | 131,428 | 120,410 | 92 |
| E.V. Spence | 517,270 | 94,860 | 18 |
| O.C. Fisher | 119,200 | 13,880 | 12 |
| O.H. Ivie | 554,340 | 289,600 | 52 |
| Twin Buttes | 177,800 | 54,650 | 31 |

Hydro Products Issued

FFA = 0

FFW = 0

FFS = 0

FLS = 0

RVS = 0

FLW = 0